I. Number	Hits	Search Text	DB	Time stamp
55	4151	(257/88,89,90,98,100,94,103;438/26,29).CCLS.	USPAT;	2003/02/04 09:45
			US-PGPUB; EPO; JPO;	
56	0	("55 and ("light emitting diode" "light-emitting diode" "light-emitting diodes" "light emitting diodes") and lens) and ((conversion near3 percentage) (conversion near3 degree) (amount near3 conversion)	USPAT; US-PGPUB; EPO; JPO;	2003/02/04 10:54
57	1075	en\$4))").PN. LS.	DERWENT USPAT;	2003/02/04 10:55
28	472	((362/800).CCLS.) and (lens diffuser)	CS-FGFUB, EPO; JPO; DERWENT USPAT;	2003/02/04 10:56
29	417	(((362/800).CCLS.) and (lens diffuser)) and ("light emitting diode" "light-emitting diode")	US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/02/04 10:58
09	298	lens diffuser)) and ("light emitting o'ight emitting doing and "light-emitting doing series"."	EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/02/04 11:26
61	0	and (center distance equidistant constant) ((362/800).CCLS.) and nichia.as.	EPO; JPO; DERWENT USPAT;	2003/02/04 11:27
62	0	((362/800).CCLS.) and matoba.in.	US-PGPUB; EPO; JPO; DERWENT USPAT;	2003/02/04 11:27
2		ui ed. 2007 bue (2008/098)	US-PGPUB; EPO; JPO; DERWENT	2003/02/04 11.27
2	>	ğ	US-PGPUB; EPO; JPO;	
64	6099	(313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CCLS.	USPAT; US-PGPUB;	2003/02/04 11:27
65	7	((313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CCLS. and matoba.in.	EFO; JFO; DERWENT)USPAT; US-PGPUB;	2003/02/04 11:28
99	56	((313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CCLS. and nichia.as.	DERWENT)USPAT; US-PGPUB;	2003/02/04 11:28
7.9	17	((362/800).CCLS.) and ((conversion near3 percentage) (conversion near3 degree) (amount near3 conversion))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/02/04 11:44
			DERWENT	

Search History 2/4/03 1:43:08 PM Page 1 C:\APPS\EAST\Workspaces\10007398 Led.wsp

7 ((362/000), CCLS.) and ((conver\$4 near3 percentage) (conver\$4 near3 degree) USPAT; (amount near3 conver\$4) (conver\$4 near3 percentage) (conver\$4 near3 degree) USPAT; (amount near3 conver\$4) (conver\$4 near3 percentage) (conver\$4 near3 degree) USPAT; (amount near3 conver\$4); (conver\$4 near3 percentage) (conver\$4 near3 degree) USPAT; (amount near3 conver\$4); (conver\$4 near3 percentage) (conver\$4 near3 degree) USPAT; (amount near3 conver\$4); (conver\$4 near3 degree) USPAT; (amount near3 conver\$4); (conver\$4 near3 degree) USPAT; (amount near3 conver\$4); (conver\$4 near3 degree) USPAT; (conver\$4 near3 degree) USPAT; (conver\$4 near3 degree) USPAT; (conver\$4 near3 degree) USPAT; (conver\$4 near4 degree) USPAT; (c	82	Н	((362/800).CCLS.) and ((conversion near3 percentage) (conversion near3 degree) (amount near3 conversion) (conversion near3 "%")	USPAT; US-PGPUB;	2003/02/04 11:44
7 ((132/800).CCLS.) and ((corver\$4 near2) "w")) 05000000000000000000000000000000000				EPO; JPO; DERWENT	
3 ("3875456").PN. GENERAL GENE	83	7	((conver\$4 near3 percentage) (conver\$4 near3) (conver\$4 near3 "%"))	USPAT; US-PGPUB; FPO: JPO:	2003/02/04 11:45
133/502,499,512,501,110,111,112,257/89,99,100,94,103;438/26,29).CCLS. GPANT CORNEWNY CORNEW				DERWENT	
EPO; 100; 100; 100; 100; 100; 100; 100; 10	1	m	("3875456").PN.	USPAT; US-PGPUB;	2003/02/03 14:51
(313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29). CCLS. GERMENT 2003/02/03 and (1313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29). CCLS. GERMENT 2003/02/03 and (1313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29). CCLS. GERMENT 2003/02/03 and (1313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29). CCLS. GERMENT 2003/02/03 and (1313/502,498,512,501,110,111,112). CCLS. GERMENT 2003/02/03 and (1313/502,498,512,501,110,111,112). CCLS. Germent and (1313/502,498,512,501,110,111,112). CCLS. Germent and (1313/502,498,512,501,110,111,112). CCLS. Germent 2003/02/03				EPO; JPO;	
2229 ((313/502,498,512,501,110,111,112,257/88,89,90,98,100,94,103,439/26,29).CCLS (1928WENT 1987WENT 1	1	6593	(313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CCLS.	USPAT;	2003/02/04 11:27
2222 ((313/502,498,512,501,110,111,112,257/88,89,90,98,100,94,103;438/26,29).CCLS. DSEARCH and full disodes" "light-emitting disodes" "light-emitting disodes" "BEAWENT (1313/502,498,512,501,110,111,112,257/88,89,90,98,100,94,103;438/26,29).CCLS. DSEARCH and full disodes" and ("light emitting disodes") and (lens concave convex) light-emitting disodes" ("SPERMINT USPAR). 2589 (313/502,498,512,501,110,111,112).CCLS. CCLS. CCC. CCLS. CCC. CCLS. CCLS. CCC. CCLS. CCC. CCLS. CCC. CCLS. CCCS. CCC. CCC				EPO; JPO;	
Alight emitting diodes	ı	2229	111,112,257/88,89,90,98,100,94,103;438/26,29).CCLS.	DERWENT)USPAT; TS-PCPID.	2003/02/03 15:00
588 ((1313/502,498,512,501,110,111,112,257/88,89,90,98,100,94,103,438/26,29).CCL3,USFRNIT and ("light emitting diodes" light-emitting diodes"			and (iight emitting diodes")	EPO; JPO;	
and ("light emitting diodes" "light-emitting diodes" 1907 JP01 "light emitting diodes") and (lens concave convex) 1908 Apr. 2589 (313/502,498,512,501,110,111,112).CCLS. 1904 CERWENT ("6 and lens").PN. 1908 CERWENT 1903/02/03 ("6 and lens").PN. 1908 CERWENT 1903/02/03 ("16 and (lens)").PN. 1903/02/03 ("16 and (lens)").PN. 1903/02/03 ("17 and (lens)").PN. 1903/02/03 ("18 and (lens)").PN. 1903/02/03 ("19 and (lens)").PN. 1903/02/03 ("10 and (le	ı	588	0.111.112;257/88,89,90,98,100,94,103;438/26,29).CCLS		2003/02/03 15:04
Tight emitting diodes") and (lens concave convex) DEMBERT)	emitting diode" "light-emitting diode" "light-emitting diodes"		
2589 (313/502,498,512,501,110,111,112).CCLS. GIGPAT; COGNO302003 ("6 and lens").PN. GRAWENT GR			and (lens concave	EPO; JPO; DERWENT	
0 ("6 and lens"). FN. 0 ("6 and lens"). FN. 0 ("6 and lens"). FN. 0 ("16 and lens"). FN. 0 ("16 and lens"). FN. 0 ("16 and lens"). PN. 0 ("16 and lens"). PN. 0 ("16 and (lens)"). PN. 1 ("16 and (lens)"). PN. 2 ("16 and (lens)"). PN. 3 ("113/502,498,512,501,110,111,112). CCLS.) 4 ("111,112). CCLS.) 5 ("111,112). CCLS.) 6 ("111,112). CCLS.) 7 ("111,112). CCLS.) 8 ("111,112). CCLS.) 9 ("111,112). CCLS.)	ı	2589		USPAT;	2003/02/03 15:10
0 ("6 and lens").PN. 198. 108-PRT; 108-				US-PGPUB;	
0 ("6 and lens").PN. 0 ("6 and lens").PN. 0 ("6 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and (lens)").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and (lens)").PN. 0 ("16 and lens").PN. 0 ("16 an				DERWENT	
0.5 ("6 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 1	ı	0	and lens")	USPAT;	2003/02/03 15:09
0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and lens").PN. 1				US-PGPUB;	
0 ("f and lens").PN. 0 ("lf and lens").PN. 0 ("lf and lens").PN. 0 ("lf and (lens)").PN. 0 ("lf and (lens)").PN. 1				DERWENT	
0 ("16 and lens").PN. 0 ("16 and (lens)").PN. 0 ("17 and (lens)").PN. 0 ("18 and (lens)").PN. 0 ("19 and (lens)").PN. 0 ("19 and (lens)").PN. 0 ("10 a	1	0	("6 and lens").PN.	USPAT;	2003/02/03 15:09
DERWENT USPAT;				EPO; JPO;	
0 ("16 and lens").PN. 0 ("16 and lens").PN. 0 ("16 and (lens)").PN. 0 ("16 and (lens)").PN. 0 ("16 and (lens)").PN. 0 ("16 and (lens)").PN. 0 ("17 and (lens)").PN. 0 ("18 and (lens)").PN. 0 ("19 and (lens)").PN. 0 ("10 and				DERWENT	
0 ("16 and (lens)").PN. 2589 (313/502,498,512,501,110,111,112).CCLS.) and lens	1	0	and lens")	USPAT; US-PGPUB:	2003/02/03 15:10
0 ("16 and (lens)").PN. 2589 (313/502,498,512,501,110,111,112).CCLS. 308 ((313/502,498,512,501,110,111,112).CCLS.) and lens (313/502,498,512,501,110,111,112).CCLS.) and lens (116 and (lens)").PN. DERWENT 2003/02/03 CO3/02/03 CO3/02/03 DERWENT 2003/02/03 CO3/02/03 DERWENT DERWEN				EPO; JPO;	
2589 (313/502,498,512,501,110,111,112).CCLS. 308 ((313/502,498,512,501,110,111,112).CCLS.) and lens USPAT;		•		DERWENT	
2589 (313/502,498,512,501,110,111,112).CCLS. 2589 (313/502,498,512,501,110,111,112).CCLS. 308 ((313/502,498,512,501,110,111,112).CCLS.) and lens CONSTRUCT CONSTR	1	>	and (tens)")	US-PGPUB;	
2589 (313/502,498,512,501,110,111,112).CCLS. USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DEPOSTOR				EPO; JPO;	
308 ((313/502,498,512,501,110,111,112).CCLS.) and lens (313/502,498,512,501,110,111,112).CCLS.) and lens (EPO; JPO; EPO; EPO; JPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO; E		0 11 0		DERWENT	2003/02/03 15:10
EPO; JPO; DERWENT DERWENT USPAT; 2003/02/03 US-PGPUB; EPO; JPO; DEPO; JPO; DERWENT USPAT; DEPO; JPO; DEPOPUB; EPO; JPO; DEPOPUB;	•	6007		US-PGPUB;	
308 ((313/502,498,512,501,110,111,112).CCLS.) and lens USPAT; USP				EPO; JPO;	
US-PGPUB; EPO; JPO;	ı	308	and C	DEKWENT USPAT:	2003/02/03 16:09
EPO; JPO;		2	;	US-PGPUB;	
				EPO; JPO;	

	122	122 (((313/502,498,512,501,110,111,112).CCLS.) and lens) and ("light-emitting	USPAT;	2003/02/03 16:33	:33
		diode" "light-emitting diodes" "light emitting diode" "light emitting	US-PGPUB;		
		diodes")	EPO; JPO;		
			DERWENT		
ı	502	(((313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CCL\$.USPAT;	.USPAT;	2003/02/03 16:22	:22
		and ("light emitting diode" "light-emitting diode" "light-emitting diodes"	US-PGPUB;		
	· · · · · · · · · · · · · · · · · · ·	"light emitting diodes")) and lens	EPO; JPO;		
			DERWENT		
1	35		USPAT;	2003/02/03 17:00	00:
		diode" "light-emitting diodes" "light emitting diode" "light emitting	US-PGPUB;		
		diodes")) and ("lead frame" "leadframe" leadframe\$ "lead frames")	EPO; JPO;		
			DERWENT		
1	2	((((313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CC#SISPAT;	SISPAT;	2003/02/04 11:42	:42
		and ("light emitting diode" "light-emitting diode" "light-emitting diodes"	US-PGPUB;		
		"light emitting diodes")) and lens) and ((conversion near3 percentage)	EPO; JPO;		
		(conversion near3 degree) (amount near3 conversion))	DERWENT		
ı	29	((((313/502,498,512,501,110,111,112;257/88,89,90,98,100,94,103;438/26,29).CC#SISPAT;	SISPAT;	2003/02/04 09:46	:46
		and ("light emitting diode" "light-emitting diode" "light-emitting diodes"	US-PGPUB;		
		"light emitting diodes")) and lens) and ((conversion near3 percentage)	EPO; JPO;		
		(conversion near3 degree) (amount near3 conversion) (conversion near3	DERWENT		
		efficien\$4))			